

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Terri Choy  
AECOM

1001 Bishop Street  
Honolulu, Hawaii 96813

Generated 1/30/2023 11:04:19 AM

## JOB DESCRIPTION

Red Hill - AFFF Assessment Sampling  
SDG NUMBER RHSF

## JOB NUMBER

580-122416-1

# Eurofins Seattle

## Job Notes

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The data in the report relate to the field sample(s) as received by the laboratory and associated QC. All results have been reviewed and have been found to be compliant with laboratory and accreditation requirements, with the exception of the noted deviation(s). For questions, please contact the Project Manager.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

## Authorization



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Authorized for release by  
Marie Walker, Senior Project Manager  
[M.Elaine.Walker@et.eurofinsus.com](mailto:M.Elaine.Walker@et.eurofinsus.com)  
(253)248-4972



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# Case Narrative

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-122416-1  
SDG: RHSF

**Job ID: 580-122416-1**

**Laboratory: Eurofins Seattle**

## Narrative

### CASE NARRATIVE

Client: AECOM

Project: Red Hill - AFFF Assessment Sampling

Report Number: 580-122416-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) resulting from a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are an unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes within the calibration range of the instrument or that reduces the interferences thereby enabling the quantification of target analytes.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

### RECEIPT

Eight samples were received on 1/19/2023 11:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.3° C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

### GLYCOLS

Samples AF-RHMW225401-WGN01B-2301W3 (580-122416-1), AF-RHMW10-WGN01LF-2301W3 (580-122416-2), AF-HDMW225303-WGN01LF-2301W3 (580-122416-3), AF-RHMW02-WGN01LF-2301W3 (580-122416-4), AF-RHMW03-WGN01LF-2301W3 (580-122416-5), AF-RHMW12A-WGN01LF-2301W3 (580-122416-6), AF-RHMW12A-WGFD01LF-2301W3 (580-122416-7) and AF-RHMW16-WGN01LF-2301W3 (580-122416-8) were analyzed for glycols in accordance with EPA SW-846 Method 8015B - DAI. The samples were analyzed on 01/26/2023.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

## Definitions/Glossary

Client: AECOM

Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-122416-1

SDG: RHSF

### Qualifiers

#### GC Semi VOA

Qualifier	Qualifier Description
U	Undetected at the Limit of Detection.

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# Client Sample Results

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-122416-1  
SDG: RHSF

Client Sample ID: AF-RHMW225401-WGN01B-2301W3

Lab Sample ID: 580-122416-1

Date Collected: 01/18/23 11:25

Matrix: Water

Date Received: 01/19/23 11:30

Method: SW846 8015C GLY - Glycols- Direct Injection (GC/FID)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	3.0	U	5.0	1.1	mg/L			01/26/23 01:09	1

# Client Sample Results

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-122416-1  
SDG: RHSF

Client Sample ID: AF-RHMW10-WGN01LF-2301W3

Lab Sample ID: 580-122416-2

Date Collected: 01/17/23 14:50

Matrix: Water

Date Received: 01/19/23 11:30

Method: SW846 8015C GLY - Glycols- Direct Injection (GC/FID)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	3.0	U	5.0	1.1	mg/L			01/26/23 23:27	1

# Client Sample Results

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-122416-1  
SDG: RHSF

Client Sample ID: AF-HDMW225303-WGN01LF-2301W3

Lab Sample ID: 580-122416-3

Date Collected: 01/17/23 11:55

Matrix: Water

Date Received: 01/19/23 11:30

Method: SW846 8015C GLY - Glycols- Direct Injection (GC/FID)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	3.0	U	5.0	1.1	mg/L			01/26/23 01:56	1



# Client Sample Results

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-122416-1  
SDG: RHSF

**Client Sample ID: AF-RHMW02-WGN01LF-2301W3**

**Lab Sample ID: 580-122416-4**

**Date Collected: 01/16/23 11:00**

**Matrix: Water**

**Date Received: 01/19/23 11:30**

**Method: SW846 8015C GLY - Glycols- Direct Injection (GC/FID)**

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	3.0	U	5.0	1.1	mg/L			01/26/23 02:19	1

# Client Sample Results

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-122416-1  
SDG: RHSF

Client Sample ID: AF-RHMW03-WGN01LF-2301W3

Lab Sample ID: 580-122416-5

Date Collected: 01/16/23 12:25

Matrix: Water

Date Received: 01/19/23 11:30

Method: SW846 8015C GLY - Glycols- Direct Injection (GC/FID)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	3.0	U	5.0	1.1	mg/L			01/26/23 04:15	1

# Client Sample Results

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-122416-1  
SDG: RHSF

Client Sample ID: AF-RHMW12A-WGN01LF-2301W3

Lab Sample ID: 580-122416-6

Date Collected: 01/17/23 12:30

Matrix: Water

Date Received: 01/19/23 11:30

Method: SW846 8015C GLY - Glycols- Direct Injection (GC/FID)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	3.0	U	5.0	1.1	mg/L			01/26/23 04:38	1

# Client Sample Results

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-122416-1  
SDG: RHSF

Client Sample ID: AF-RHMW12A-WGFD01LF-2301W3

Lab Sample ID: 580-122416-7

Date Collected: 01/17/23 12:30

Matrix: Water

Date Received: 01/19/23 11:30

Method: SW846 8015C GLY - Glycols- Direct Injection (GC/FID)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	3.0	U	5.0	1.1	mg/L			01/26/23 05:02	1

# Client Sample Results

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-122416-1  
SDG: RHSF

Client Sample ID: AF-RHMW16-WGN01LF-2301W3

Lab Sample ID: 580-122416-8

Date Collected: 01/17/23 14:25

Matrix: Water

Date Received: 01/19/23 11:30

Method: SW846 8015C GLY - Glycols- Direct Injection (GC/FID)

Analyte	Result	Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	3.0	U	5.0	1.1	mg/L			01/26/23 05:25	1

# QC Sample Results

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-122416-1  
SDG: RHSF

## Method: 8015C GLY - Glycols- Direct Injection (GC/FID)

Lab Sample ID: MB 680-760613/10

Matrix: Water

Analysis Batch: 760613

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	3.0	U	5.0	1.1	mg/L			01/25/23 20:53	1

Lab Sample ID: LCS 680-760613/6

Matrix: Water

Analysis Batch: 760613

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-(2-Butoxyethoxy)ethanol	20.0	18.2		mg/L		91	50 - 150

Lab Sample ID: LCSD 680-760613/7

Matrix: Water

Analysis Batch: 760613

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-(2-Butoxyethoxy)ethanol	20.0	18.2		mg/L		91	50 - 150	0	50

Lab Sample ID: MB 680-760630/10

Matrix: Water

Analysis Batch: 760630

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	3.0	U	5.0	1.1	mg/L			01/25/23 20:53	1

Lab Sample ID: LCS 680-760630/6

Matrix: Water

Analysis Batch: 760630

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-(2-Butoxyethoxy)ethanol	20.0	18.2		mg/L		91	50 - 150

Lab Sample ID: LCSD 680-760630/7

Matrix: Water

Analysis Batch: 760630

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-(2-Butoxyethoxy)ethanol	20.0	18.2		mg/L		91	50 - 150	0	50

Lab Sample ID: 580-122416-8 MS

Matrix: Water

Analysis Batch: 760630

Client Sample ID: AF-RHMW16-WGN01LF-2301W3

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-(2-Butoxyethoxy)ethanol	3.0	U	20.0	18.1		mg/L		90	50 - 150

Lab Sample ID: 580-122416-8 MSD

Matrix: Water

Analysis Batch: 760630

Client Sample ID: AF-RHMW16-WGN01LF-2301W3

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-(2-Butoxyethoxy)ethanol	3.0	U	20.0	17.9		mg/L		89	50 - 150	1	50

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# QC Sample Results

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-122416-1  
SDG: RHSF

## Method: 8015C GLY - Glycols- Direct Injection (GC/FID)

Lab Sample ID: MB 680-760776/10

Matrix: Water

Analysis Batch: 760776

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	DL	Unit	D	Prepared	Analyzed	Dil Fac
2-(2-Butoxyethoxy)ethanol	3.0	U	5.0	1.1	mg/L			01/26/23 20:21	1

Lab Sample ID: LCS 680-760776/6

Matrix: Water

Analysis Batch: 760776

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-(2-Butoxyethoxy)ethanol	20.0	20.2		mg/L		101	50 - 150

Lab Sample ID: LCSD 680-760776/7

Matrix: Water

Analysis Batch: 760776

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-(2-Butoxyethoxy)ethanol	20.0	21.6		mg/L		108	50 - 150	7	50

Lab Sample ID: 580-122416-2 MS

Matrix: Water

Analysis Batch: 760776

Client Sample ID: AF-RHMW10-WGN01LF-2301W3

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-(2-Butoxyethoxy)ethanol	3.0	U	20.0	15.0		mg/L		75	50 - 150

Lab Sample ID: 580-122416-2 MSD

Matrix: Water

Analysis Batch: 760776

Client Sample ID: AF-RHMW10-WGN01LF-2301W3

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-(2-Butoxyethoxy)ethanol	3.0	U	20.0	18.2		mg/L		91	50 - 150	19	50

# Lab Chronicle

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-122416-1  
SDG: RHSF

**Client Sample ID: AF-RHMW225401-WGN01B-2301W3**

**Lab Sample ID: 580-122416-1**

Date Collected: 01/18/23 11:25

Matrix: Water

Date Received: 01/19/23 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015C GLY		1	760613	GEM	EET SAV	01/26/23 01:09

**Client Sample ID: AF-RHMW10-WGN01LF-2301W3**

**Lab Sample ID: 580-122416-2**

Date Collected: 01/17/23 14:50

Matrix: Water

Date Received: 01/19/23 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015C GLY		1	760776	DBM	EET SAV	01/26/23 23:27

**Client Sample ID: AF-HDMW225303-WGN01LF-2301W3**

**Lab Sample ID: 580-122416-3**

Date Collected: 01/17/23 11:55

Matrix: Water

Date Received: 01/19/23 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015C GLY		1	760613	GEM	EET SAV	01/26/23 01:56

**Client Sample ID: AF-RHMW02-WGN01LF-2301W3**

**Lab Sample ID: 580-122416-4**

Date Collected: 01/16/23 11:00

Matrix: Water

Date Received: 01/19/23 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015C GLY		1	760613	GEM	EET SAV	01/26/23 02:19

**Client Sample ID: AF-RHMW03-WGN01LF-2301W3**

**Lab Sample ID: 580-122416-5**

Date Collected: 01/16/23 12:25

Matrix: Water

Date Received: 01/19/23 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015C GLY		1	760630	GEM	EET SAV	01/26/23 04:15

**Client Sample ID: AF-RHMW12A-WGN01LF-2301W3**

**Lab Sample ID: 580-122416-6**

Date Collected: 01/17/23 12:30

Matrix: Water

Date Received: 01/19/23 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015C GLY		1	760630	GEM	EET SAV	01/26/23 04:38

**Client Sample ID: AF-RHMW12A-WGFD01LF-2301W3**

**Lab Sample ID: 580-122416-7**

Date Collected: 01/17/23 12:30

Matrix: Water

Date Received: 01/19/23 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015C GLY		1	760630	GEM	EET SAV	01/26/23 05:02

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# Lab Chronicle

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-122416-1  
SDG: RHSF

**Client Sample ID: AF-RHMW16-WGN01LF-2301W3**  
**Date Collected: 01/17/23 14:25**  
**Date Received: 01/19/23 11:30**

**Lab Sample ID: 580-122416-8**  
**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8015C GLY		1	760630	GEM	EET SAV	01/26/23 05:25

**Laboratory References:**  
EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

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Accreditation/Certification Summary

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-122416-1  
SDG: RHSF

Laboratory: Eurofins Savannah

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2463	09-22-24
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015C GLY		Water	2-(2-Butoxyethoxy)ethanol

# Sample Summary

Client: AECOM  
Project/Site: Red Hill - AFFF Assessment Sampling

Job ID: 580-122416-1  
SDG: RHSF

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-122416-1	AF-RHMW225401-WGN01B-2301W3	Water	01/18/23 11:25	01/19/23 11:30
580-122416-2	AF-RHMW10-WGN01LF-2301W3	Water	01/17/23 14:50	01/19/23 11:30
580-122416-3	AF-HDMW225303-WGN01LF-2301W3	Water	01/17/23 11:55	01/19/23 11:30
580-122416-4	AF-RHMW02-WGN01LF-2301W3	Water	01/16/23 11:00	01/19/23 11:30
580-122416-5	AF-RHMW03-WGN01LF-2301W3	Water	01/16/23 12:25	01/19/23 11:30
580-122416-6	AF-RHMW12A-WGN01LF-2301W3	Water	01/17/23 12:30	01/19/23 11:30
580-122416-7	AF-RHMW12A-WGFD01LF-2301W3	Water	01/17/23 12:30	01/19/23 11:30
580-122416-8	AF-RHMW16-WGN01LF-2301W3	Water	01/17/23 14:25	01/19/23 11:30



## Login Sample Receipt Checklist

Client: AECOM

Job Number: 580-122416-1

SDG Number: RHSF

**Login Number: 122416**

**List Number: 2**

**Creator: Johnson, Corey M**

**List Source: Eurofins Savannah**

**List Creation: 01/23/23 11:35 AM**

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

## Emily Wengrowski

---

**From:** Abbott, Katie <katie.abbott@aecom.com>  
**Sent:** Tuesday, January 24, 2023 12:45 AM  
**To:** Emily Wengrowski; Landers, Brant; Anthony, Jason; KaaihiliChoy, Terri Ann; Tanji, Watson  
**Subject:** RE: Eurofins Environment Testing Northwest, LLC Sample Login Confirmation files from 580-122416 Red Hill - AFFF Assessment Sampling  
**Attachments:** 230118-23F0104-EUSav\_Revised.pdf

EXTERNAL EMAIL\*

Hey Emily,

Can you please update the sample ID for 580-122416-3.

It should be HDMW225303-WGN01LF-2301W3

A revised COC is attached.

Thanks,  
Katie

---

**From:** Emily Wengrowski <emily.wengrowski@et.eurofinsus.com>  
**Sent:** Thursday, January 19, 2023 12:01 PM  
**To:** Landers, Brant <Brant.Landers@aecom.com>; Anthony, Jason <Jason.Anthony@aecom.com>; Abbott, Katie <katie.abbott@aecom.com>; KaaihiliChoy, Terri Ann <Terri.Choy@aecom.com>; Tanji, Watson <watson.tanji@aecom.com>  
**Subject:** Eurofins Environment Testing Northwest, LLC Sample Login Confirmation files from 580-122416 Red Hill - AFFF Assessment Sampling

Hello,

Attached, please find the Sample Confirmation files for job 580-122416; Red Hill - AFFF Assessment Sampling

Receipt

The samples were received on 1/19/2023 11:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.3º C.

Please feel free to contact me or your PM, Marie Walker, if you have any questions.

Thank you.

**Emily E Wengrowski**  
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